



07/26/01

Patent Application

Sir:

Transmitted herewith for filing is the Patent Application of:

Inventor: PEI-HAW TSAO, JONES WANG, KEN CHEN

For: GROOVED HEAT SPREADER FOR STRESS REDUCTION IN IC PACKAGE

J1130 U.S. PTO
09/912739
07/26/01

Enclosed are:

- ☒ 4 sheets of drawing(s) - formal.
- ☒ An assignment of the invention to **Taiwan Semiconductor Manufacturing Company**
- ☐ An associate power of attorney ☐ Applicant claims small entity status
- ☒ Request & Certification under 35 USC 122(b)(2)(b)(i)

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)	OTHER THAN A SMALL ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE
BASIC FEE				\$ 710.
TOTAL CLAIMS	21 -20=	1	x 18 =	\$ 18.
INDEP CLAIMS	4 -3=	1	x 80 =	\$ 80.
MULTIPLE DEPENDENT CLAIM PRESENTED			+ 260 =	
			SUB TOTAL	\$ 808.
			ASSIGNMENT	\$40.
			TOTAL	\$ 848.

- ☒ Please charge my Deposit Account No. 19-0033 in the amount of \$ 848. A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-0033. A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 CFR \$1.16.
- ☒ Any patent application processing fees under 37 CFR \$1.17.

Respectfully submitted,

STEPHEN B. ACKERMAN, REG. NO. 37,761

REQUEST AND CERTIFICATION
UNDER
35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor

Pei-Haw Tsai

Title

Grooved Heat Spreader for Stress
Reduction in IC Package

Atty Docket Number

T500-823

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

7/24/01

Date

SOP

Signature

Stephen B. Ackerman

Typed or printed name

#37,761

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).